



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW7105G00131-3G

Job Sheet 190228



Part No: RBW7105G00131-3G

Job Qty: 2 pcs

Part Name: Engine Transport Stand



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/6/19

Job Tracking No: SIOP

Due Date: 3/15/19

Created By: Dara Macdonald

Type: Stock

Description:

Note: DWG.RBW7105G00131-3G Rev.6 IPP Rev A 17.11.02 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Purchasing	2 pcs	3/15/19		0.00	0.00	Purchasing - 1	DP JUN 07 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	2 pcs	3/15/19		0.00	0.00	Packaging 2 - 1 - B4B	DP JUN 07 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



Container No: S188523



Part: RBW7105G00131-3G

Job No: 190228

Serial No/Batch: S188523

Revision: 6

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 06/07/19

				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	2 pcs	3/15/19	0.00 0.00	QC 6 - 38	
				QC 6 - 42	
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
121 Small Fab - 2 - B4B	2 pcs	3/15/19	0.00 0.67	Small Fab - 1 - B4B	
				Small Fab - 2 - B4B	
				Small Fab - 3 - B4B	
				Small Fab - 4 - B4B	
				Small Fab - 5 - B4B	
				Small Fab - 6 - B4B	
				Small Fab - 7 - B4B	
130 Packaging 3-1 - Stock - B4B	2 pcs	3/15/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - FG	2 pcs	3/15/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	

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JUN 20 2019
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TBD

Part Op **100** - (Purchasing) Issue P/O: _____ MANUFACTURE RBW7105G00131-3G AS PER DWG Supplier: METEC
 Descriptions: Certificate of conformity is required

110 - (Receive & Inspect for Damage & Mat'l Certs)

120 - (QC6- All purchased or subcontracted products)

121 - (Small Fab) 1-Engrave placard RB41011 using marktronic engraver as per Dart QSI 044 2-Transfer drill Dart placard RB41011 using 29/32 drill. 3-Deburr holes . 4-Install Dart placard using drive screws as per DWG.

130 - (Identify as per dwg & Stock Location: _____)

140 - (QC21- Final Inspection - Work Order Release)

042549 x2 R h

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW7105G00131-3GP	Engine Transport Stand	2 pcs (1 ea)	100-Purchasing	5189522
90081A077	Drive Screw #2 1/4" Long	8 Ea (4 ea)	121-Small Fab - 2 - B4B	5148008
RB41011	Dart Tooling Placard, Aluminum	2 Ea (1 ea)	121-Small Fab - 2 - B4B	2021040

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW7105G00131-3GP	2	0	0
121-Small Fab - 2 - B4B	90081A077	8	114	0
	RB41011	2	425	0

Part Specifications

Specifications could not be found.

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ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	P.G.
							X	-01	1	ENGINE STAND ASSEMBLY			2
					X		1	-03		BOTTOM WELDMENT			3
							2	-05		SIDE TUBE	STEEL SQ. TUBE		4
							2	-07		END TUBE	STEEL SQ. TUBE		5
							1	-09		CENTER TUBE	STEEL SQ. TUBE		6
							2	-13		GUSSET PLATE	A36/1018/1020 HR		7
							2	-14		GUSSET PLATE	A36/1018/1020 HR		8
							6	-15		CENTER PLATE	A36/1018/1020 HR		9
							4	-17		WHEEL PLATE	A36/1018/1020 HR		10
							1	-18		PLATE	A36/1018/1020 HR		11
					X		1	-19		FRONT VERT. WELDMENT			12
							1	-21		FRONT VERT. SUPPORT	STEEL SQ. TUBE		13
							2	-23		GUSSET TUBE	STEEL SQ. TUBE		14
							2	-25		GUSSET PLATE	A36/1018/1020 HR		15
							2	-26		GUSSET PLATE	A36/1018/1020 HR		16
				1	1			-27		TOP MOUNT	A36/1018/1020 HR		17
							1	-28		BOLT HOLDER	A36/1018/1020 HR		18
					X		2	-29		REAR VERT. WELDMENT			19
							1	-31		REAR VERT. SUPPORT	STEEL SQ. TUBE		20
							1	-33		BRACE TUBE	STEEL SQ. TUBE		21
							1	-36		BOLT HOLDER	A36/1018/1020 HR		22
							1	-37		FRONT ENGINE MOUNT ASSEMBLY			23
								-39		FRONT WELDMENT			24
								-41		BASE	A36/1018/1020 HR		25
								-43		FRONT VERT. MOUNT	A36/1018/1020 HR		26
								-45		FRONT MOTOR MOUNT	1018/1020 CR		27
								-47		BALL LOCK PIN	S.S.	Ø3/8 X 1-1/4 (MCMMASTER-CARR #90302A368)	23, 28
								-49		LANYARD	COATED STEEL	Ø1/16 X 14 (CARR LANE #CL2C)	23, 28
								-51		FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMMASTER-CARR #3896T31)	23, 28
								-53	2	REAR ENGINE MOUNT ASSEMBLY			28
								-55		REAR WELDMENT			29
								-57		BASE	A36/1018/1020 HR		30
								-59		REAR VERT. MOUNT	A36/1018/1020 HR		31
								-61		REAR MOTOR MOUNT	1018/1020 CR		32
							2	B/O	-63	SWIVEL CASTER W/ BRAKES	HARD RUBBER	Ø5 WHEEL (BASSICK #CAS50156VZ-HDR51 (KK)-TLB)	2
							2	B/O	-65	RIGID CASTER WHEEL	HARD RUBBER	Ø5 (BASSICK #CAS50156VZ-HDR51 (KK)	2
							12	B/O	-67	HEX HEAD CAP SCREW	STEEL	5/16-24 X 7/8, GRADE 8 (MCMMASTER-CARR #92620A610)	2
								-69		FLAT WASHER	STEEL	Ø5/16 (MCMMASTER-CARR #90126A030)	2
							3	B/O	-71	HEX HEAD CAP SCREW	STEEL	1/4-28 X 21/32 AN4-5A	2
							11	B/O	-73	FLAT WASHER	STEEL	Ø1/4 AN960-616	2
							8	B/O	-75	HEX HEAD CAP SCREW	STEEL	3/8-24 X 45/64 AN6-6A	2
							8	B/O	-77	FLAT WASHER	STEEL	Ø3/8 AN960-616	2
							16	B/O	-79	HEX HEAD CAP SCREW	STEEL	3/8-16 X 5/8, GRADE 5 (MCMMASTER-CARR #92865A621)	2
							16	B/O	-81	SPLIT LOCK WASHER	STEEL	Ø3/8 (MCMMASTER-CARR #91102A760)	2
							6	B/O	-83	HEX HEAD CAP SCREW	STEEL	5/16-18 X 2-1/2, GRADE 5 (MCMMASTER-CARR #91247A593)	2
							6	B/O	-85	NYLON LOCK NUT	STEEL	5/16-18, GRADE 5 (MCMMASTER-CARR #95615A160)	2
							4	B/O	-89	NYLON LOCK NUTS	STEEL	1/4-20, GRADE 5 (MCMMASTER-CARR #95615A120)	2
							4	B/O	-93	HEX HEAD CAP SCREW	STEEL	1/4-20 X 2, GRADE 5 (MCMMASTER-CARR #91247A550)	2
							B/O	-95	1	DOUBLE WALL BOX		46 X 26 X 7 (WALTER E. NELSON #578 989-001)	N/S
							4	B/O	-97	DRIVE SCREW	STEEL	#2 X 1/4 (MCMMASTER-CARR #90081A077)	2
							1	B/O		PLACARD	ALUMINUM	R841011	2
ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY					

REVISONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-11 REAR TUBE ELIMINATED AND ADDED 1 TO QTY. OF -07 NOW END TUBES. REDUCED VERT TUBE HEIGHT BY IN., DELETED -35 BY CHANGING -13 AND ADDING -14 (HORIZONTAL GUSSET PLATE TO VERTICAL). CHANGED -25 AND ADDED -26 (HORIZONTAL GUSSET PLATE TO VERTICAL). ADDED .060 RECESSED AREA TO -27 TOP MOUNT AND LENGTHENED VERT. TUBES -21 & -31 BY .060.	4/5/2010	WP	DW
2		CHD -71 QTY. FROM 4 TO 3. CHD -93 LENGTH FROM 2 TO 1-3/4 IN BOM. SHORTENED -58 FROM 3.22 TO 2.60 [66.0mm]. SHORTENED -36 FROM 4.65 TO 3.65 [92.8mm] PER W.P.	8/4/2010	RJC	RW
3		ADDED -25 & -26 TOLERANCE +.000 -.010 TO .250 DIM PER G.E.	5/10/2011	RJC	RW
3A		-19 CHD DIM WAS 2.502in. [63.55mm] B 2.5in. [63.6mm]. -29 CHD DIM WAS 2.50in. [63.5mm] B 2.5in. [63.5mm].	8/13/2013	RJC	GE
4	15-0044	UPDATED TO NEW DRAFTING STANDARDS. -01 CHD DIMS WAS 4.425 B (4.425). WAS 23.504 B (23.504). WAS 17.716 B (17.720). WAS 8.858 B (8.855). -03 ADDED WELD FIXTURE NOTE. -05 CHD DIMS WAS 43.16 B (43.25). WAS 1.50 B (1.500). WAS 1.50 B (1.500). WAS 1.50 B (1.500). WAS 1.50 B (1.500). WAS 25.415 B (25.50). WAS 1.50 B (1.500). WAS 1.50 B (			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042549



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042549

PO Date: 2/8/19

Due Date: ~~4/5/19~~ 04/19/2019

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lussier, Patrick

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	190228	RBW7105G00131-3GP			Engine Transport Stand As Per Dwg RBW7105G00131-3G Rev. 6	Firmed - X2		4/5/19 04/19/2019 6/10/2019	2 pcs	0 pcs	2 pcs	\$4,717.00/pcs	\$9,434.00 DAS 40 9-89
Grand Total:													\$9,434.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 2/8/19 3:12 PM dart.Lussier.Patrick

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Patrick Lussier
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 25382
Shipment Date: 06-Jun-2019
Ship Via: our truck
Order Number: 3471
Order Date: 02/08/19

Customer Code: DART
Phone: (613) 632-9577
PO Number: PO042549
Terms: Net 60 Days

<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
1	2	2	0	0	EA	DART-RBW7105G00131-3GP Engine Transport Stand	6	3471-01

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RECEIVED
JUN 06 2019
DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
Patrick Lussier



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	P.O. Number
2	DART-RBW7105G00131 3GP	Engine Transport Stand	6	42549

MATERIAL: supplied by METEC

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We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.


George Theoret

Vankleek Hill, June 6, 2019